

IN THE CLAIMS

Please amend Claim 8 and add Claims 9-13 to read as follows.

1. (Withdrawn) A method of manufacturing an ink-jet recording head comprising the steps of:

preparing a base plate having an ink ejection pressure generating element;

forming a liquid path pattern on said base plate with use of a soluble resin, by a first application of light through a first mask and developing afterward;

applying a first active energy setting material on said base plate and said liquid path pattern;

applying an ink-repellent second active energy setting material on said first active energy setting material;

exposing said first active energy setting material and said ink-repellent second active energy setting material in a process by a second application of light to both of said materials through a second mask corresponding to an ejection port for ejecting ink;

developing said first active energy setting material and said ink-repellent second active energy setting material so as to form said ejection port above said ink ejection pressure generating element; and

removing said liquid path pattern,

wherein said ink-repellent second active energy setting material is applied through a drying process.

2. (Withdrawn) The method of manufacturing the ink-jet recording head according to claim 1, wherein said step of applying said ink-repellent second active energy setting material on said first active energy setting material is performed by a method of spraying fine particles of said second material.

3. (Withdrawn) The method of manufacturing the ink-jet recording head according to claim 1, wherein said step of applying an ink-repellent second active energy setting material on said first active energy setting material is performed by a flexographic printing method.

4. (Withdrawn) The method of manufacturing the ink-jet recording head according to claim 1, wherein said step of applying said ink-repellent second active energy setting material on said first active energy setting material is performed by a method of transforming said second active setting energy material into a dry film and applying said film on said base plate.

5. (Withdrawn) The method of manufacturing the ink-jet recording head according to claim 1, wherein said first active energy setting material is an epoxy resin cured by cationic polymerization.

6. (Withdrawn) The method of manufacturing the ink-jet recording head according to claim 1, wherein said ink-repellent second active energy setting material is an epoxy resin cured by cationic polymerization.

7. (Withdrawn) An ink-jet recording head manufactured by one of the claims 1, 2, 3, 4, 5 and 6.

8. (Currently Amended) A method of manufacturing an ink-jet recording head comprising the steps of:

preparing a base plate having an ink ejection pressure generating element and a liquid path pattern, which is removable, located on a part of said the base plate that includes said the ink ejection pressure generating element;

applying a first active energy setting material on said the base plate and said the liquid path pattern;

applying an ink-repellent second active energy setting material, which is dry, on said the first active energy setting material before exposing the first active energy setting material;

exposing said the first active energy setting material and said the ink-repellent second active energy setting material in a process by applying light to both of said the materials simultaneously through a mask corresponding to an ejection port for ejecting ink; and

developing said the first active energy setting material and said the ink-repellent second active energy setting material so as to form said the ejection port above said the ink ejection pressure generating element.

9. (New) The method of manufacturing the ink-jet recording head according to claim 8, wherein said step of applying the ink-repellent second active energy setting material on the first active energy setting material is performed by a method of spraying fine particles of the second material.

10. (New) The method of manufacturing the ink-jet recording head according to claim 8, wherein said step of applying the ink-repellent second active energy setting material on the first active energy setting material is preformed by a flexographic printing method.

11. (New) The method of manufacturing the ink-jet recording head according to claim 8, wherein said step of applying the ink-repellent second active energy setting material on the first active energy setting material is performed by a method of transforming the second active energy setting material into a dry film and applying the film on the base plate.

12. (New) The method of manufacturing the ink-jet recording head according to claim 8, wherein the first active energy setting material is an epoxy resin cured by cationic polymerization.

13. (New) The method of manufacturing the ink-jet recording head according to claim 8, wherein the ink-repellent second active energy setting material is an epoxy resin cured by cationic polymerization.